



DOE LESSONS LEARNED PROGRAM

New Approach - New Focus

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OVERVIEW

- Background
- Industry Perspective
- Recommendation
- Benefits
- Path Forward

BACKGROUND

■ Current Program

- Achieved Degree of Standardization across DOE
- Has “Broad” Focus versus “Preventing” Recurrence of Significant Events
- Does Not have Regulatory Driver
 - » Standard versus Order
- May Not be Viewed as Value-Added by All Stakeholders

BACKGROUND (Continued)

- Reyes Report Concluded:
 - Current System Does Not Provide Consistent Feedback on Operating Experience from other DOE Facilities
 - Is Not Aligned with Industry Approach/Best Practices (INPO)
- President's Management Agenda
 - Human Capital (Knowledge Management)
- Strategic Planning Meeting held with INPO and WANO Executives and Program Managers 09/02

INDUSTRY PERSPECTIVE

- Nuclear Power Industry Recognized Value of Communication of Commercial Industry Experience
 - Need for Systematic Means to Share Operating Experience Evident from Analysis of TMI and Chernobyl Events
- Since Implementation, Industry Program has:
 - Reduced Recurring Events
 - Improved Plant Safety Culture & System Reliability
 - Achieved Significant Cost Savings
- INPO Recognized as “Center of Excellence” for “Operating Experience Review” Process
- INPO/WANO Share Common Program Framework
 - Tailored Approach to Implementation

RECOMMENDATION

- Shift Program Emphasis from “Lessons Learned” to “Operating Experience Review”
- Establish New Focus for Program
 - “Prevent Recurrence of Significant Events/Trends throughout DOE”
- Link with Occurrence Reporting System Re-design
- Implement Tailored Approach Aligned with DOE Missions and Objective to Improve Safety

RECOMMENDATION (Continued)

- Adopt INPO/WANO Model for Program:
 - *Significant Event Notifications*
 - » Information Notices
 - “Heads Up”, OE Weekly
 - Special Event Notifications
 - *Significant Event Reports*
 - » Field Review and Implementation of Corrective Actions
 - » Closure of Actions at Field Office/Contractor Level
 - *Significant Operating Experience Reports*
 - » Significant Issue within DOE
 - » Issue Evaluated and Action Directed by DOE HQ Review Board (Staff, PSOs, FMC, Industry Experts)
 - » Required Actions to Field
 - » Closure of Actions by DOE HQ

BENEFITS

- Improved Safety Performance
 - Reduction in Recurring Events
- Achieve Cost Savings Resulting From:
 - Streamlining of Process
 - Refocusing HQ, Field Office and Contractor Resources
 - Prevention of Recurring Events
 - » Minimizing Process Disruptions, Injuries, Illnesses
- Improved External Credibility
 - DNFSB, Congress, Third Parties, etc.

PATH FORWARD

■ Establish:

- DOE HQ/EFCOG Leadership Team
 - » SELLS Participation
- Partnership with INPO
- Implementation Working Group

■ Implement Concurrent with Occurrence Reporting System Re-design